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“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 6575 (1987): Dimensions for pneumatic breaker and spade shanks and its chuck bushings [PGD 8: Pneumatic Tools]

“ज्ञान से एक नये भारत का निर्माण”

Satyanaaranay Gangaram Pitroda

Invent a New India Using Knowledge



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartṛhari—Nītiśatakam

“Knowledge is such a treasure which cannot be stolen”



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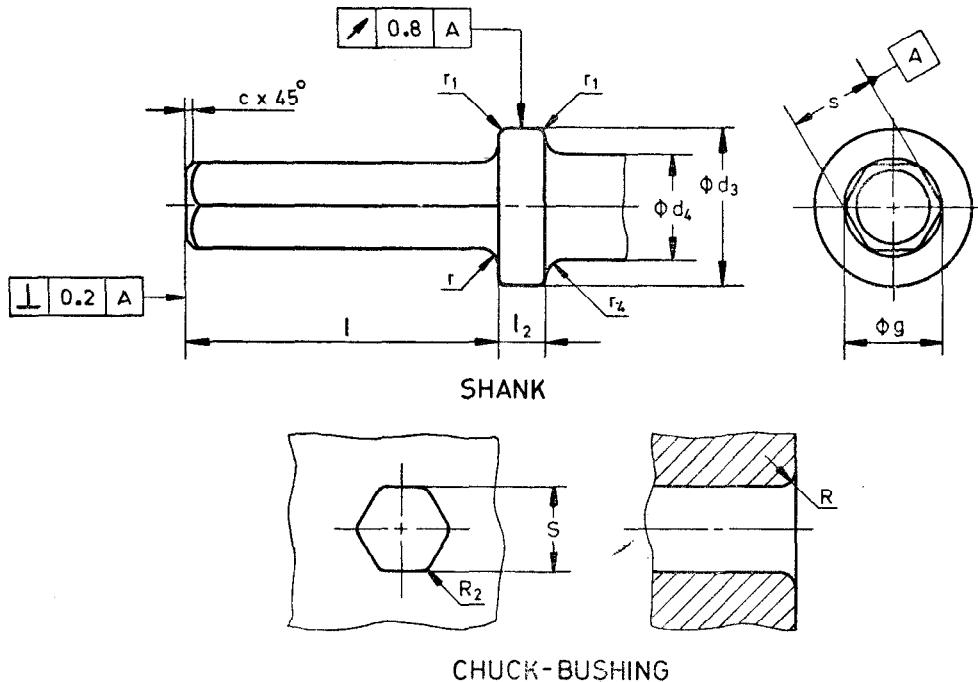
Indian Standard

DIMENSIONS FOR PNEUMATIC BREAKER AND SPADE SHANKS AND ITS CHUCK BUSHINGS

(First Revision)

1. Scope — Covers the dimensions of pneumatic breaker and spade shanks and fitting dimensions of its related chuck bushings.

2. Dimensions



All dimensions in millimetres.

Nominal Size	Shank										Bushing		
	s	l	l_1	d_3	d_4	g^*	r	r_1	r_4	c	S	R	R_2
22	$22.4 \frac{0}{-0.5}$	82.5	12	41	28†	25.2	4.5	2	5	1.6	22.4	4.5	1.5
25	$25.6 \frac{0}{-0.6}$	108.0	12	41	28†	29.0	4.5	2	5	1.6	25.6	4.5	1.6

*The values given for diameter g refer to forged shanks with a radius of 2 mm on the corners in order to correspond to the effect of this radius machined shanks must have diameter $g=24.8$ and 28.5 respectively without any corner radius.

†Alternative 22 or 25 mm hexagon.

3. Designation — A pneumatic breaker and spade shank of nominal size 22 having length $l=82.5$ mm shall be designated as:

Breaker and Spade Shank 22×82.5 IS : 6575

EXPLANATORY NOTE

This standard was first issued in 1972, based on Draft ISO Recommendations DR 1571 which has now materialized as ISO 1180-1983.

While revising, this standard has been aligned with ISO 1180-1983 'Shanks for pneumatic tools and fitting dimensions of chuck bushings, issued by the International Organization for Standardization (ISO).